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Deliver to: Examiner John Pezzlo (Art Unit: 2662) **AUG 29 2005**

Firm Name: U.S. PATENT AND TRADEMARK OFFICE

Fax Number: (571) 273-8300 **Telephone No.:** (571) 272-3090

From: Lester J. Vincent, Reg. No. 31,460 *[Signature]*

Date: August 29, 2005 **Time:** _____

Operator: Christopher Marshall **Matter:** 81862P096

Number of pages including cover sheet: 10

In Re Patent Application of: Gene Chui, et al.

Application No.: 09/090,096

Filed: June 3, 1998

For: METHOD AND APPARATUS FOR PROVIDING PROGRAMMABLE MEMORY FUNCTIONS
FOR BI-DIRECTIONAL TRAFFIC IN SWITCH PLATFORM

Enclosed are the following documents: Enclosed are the following:

1) Fee Transmittal (in duplicate); and

2) Terminal Disclaimer under 37 C.F.R. § 1.321(c).

CONFIDENTIALITY NOTE

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Rev. LJV(cpm) 12/03/99

FEE TRANSMITTAL FOR FY 2005

Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

TOTAL AMOUNT OF PAYMENT (\$) 130.00**RECEIVED
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Complete If Known:

Application No. 09/090,096
 Filing Date June 3, 1998
 First Named Inventor Gene Chui
 Examiner Name Pezzlo, John
 Art Unit 2662
 Attorney Docket No. 81862P096

AUG 29 2005

Applicant claims small entity status. See 37 CFR 1.27.

METHOD OF PAYMENT (check all that apply)
☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify)
☒ Deposit AccountDeposit Account Number : 02-2666

Deposit Account Name: _____

☒ The Director is Authorized to do the following with respect to the above-identified Deposit Account:☒ Charge fee(s) indicated below.☒ Charge any additional fee(s) or underpayment of fee(s) during the pendency of this application.☒ Charge fee(s) indicated below except for the filing fee☒ Credit any overpayments.☒ Any concurrent or future reply that requires a petition for extension of time should be treated as incorporating an appropriate petition for extension of time and all required fees should be charged.

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FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Large Entity		Small Entity		Fee Description		Fees Paid (\$)
Fee Code	Fee (\$)	Fee Code	Fee (\$)			
1011	300	2011	150	Utility application filing fee	1,000/500	_____
1111	500	2111	250	Utility search fee		_____
1311	200	2311	100	Utility examination fee		_____
1012	200	2012	100	Design application filing fee	430/215	_____
1112	100	2112	50	Design search fee		_____
1312	130	2312	65	Design examination fee		_____
1013	200	2013	100	Plant filing fee	660/330	_____
1113	300	2113	150	Plant search fee		_____
1313	160	2313	80	Plant examination fee		_____
1004	300	2004	150	Reissue filing fee	1,400/700	_____
1114	500	2114	250	Reissue search fee		_____
1314	600	2314	300	Reissue examination fee		_____
1005	200	2005	100	Provisional application filing fee		_____
SUBTOTAL (1) \$ <u>0.00</u>						_____

2. EXCESS CLAIM FEES

		<u>Extra Claims</u>	<u>Fee from below</u>	<u>Fees Paid (\$)</u>
Total Claims	_____ - 20 or HP = _____		X _____ = _____	
HP = highest number of total claims paid for, if greater than 20				
Independent Claims	_____ - 3 or HP = _____		X _____ = _____	
HP = highest number of independent claims paid for, if greater than 3				
Multiple Dependent Claims	_____		_____ = _____	

<u>Large Entity</u>		<u>Small Entity</u>		
Fee Code	Fee (\$)	Fee Code	Fee (\$)	<u>Fee Description</u>
1202	50	2202	25	Each claim over 20
1201	200	2201	100	Each independent claim over 3
1203	360	2203	180	Multiple dependent claims, if not paid
1204	200	2204	100	Reissue: each claim over 20 and more than in the original patent
1205	50	2205	25	Reissue: each independent claim more than in the original patent

SUBTOTAL (2) \$ 0.00

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each add'l 50 or fraction thereof</u>	<u>Fee from below</u>	<u>Fees paid (\$)</u>
_____	- 100 = _____	/ 50 = _____ (round up to whole number)	X _____	_____

<u>Large Entity</u>		<u>Small Entity</u>		<u>Fee Description</u>
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1081	250	2081	125	Utility
1082	250	2082	125	Design
1083	250	2083	125	Plant
1084	250	2084	125	Reissue

SUBTOTAL (3) \$ 0.00

FEE CALCULATION (continued)**4. OTHER FEE(S)****Fees Paid (\$)**

Non-English Specification, \$130 fee (no small entity discount)

<u>Large Entity</u>		<u>Small Entity</u>		<u>Fee Description</u>	
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1813	8,800	1813	8,800	Request for inter parties reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	120	2251	60	Extension for reply within first month	
1252	450	2252	225	Extension for reply within second month	
1253	1,020	2253	510	Extension for reply within third month	
1254	1,590	2254	795	Extension for reply within fourth month	
1255	2,160	2255	1,080	Extension for reply within fifth month	
1401	500	2401	250	Notice of Appeal	
1402	500	2402	250	Filing a brief in support of an appeal	
1403	1,000	2403	500	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	500	2452	250	Petition to revive - unavoidable	
1453	1,500	2453	750	Petition to revive - unintentional	
1501	1,400	2501	700	Utility issue fee (or reissue)	
1502	800	2502	400	Design issue fee	
1503	1100	2503	550	Plant issue fee	
1462	400	1462	400	Petitions to the Commissioner (CFR 1.17(f) Group I)	
1463	200	1463	200	Petitions to the Commissioner (CFR 1.17(g) Group II)	
1464	130	1464	130	Petitions to the Commissioner (CFR 1.17(h) Group III)	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	790	2809	395	For filing a submission after final rejection (see 37 CFR 1.129(a))	
1814	130	2814	65	Statutory Disclaimer	
1810	790	2810	395	For each additional invention to be examined (see 37 CFR 1.129(b))	
1801	790	2801	395	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
1504	300	1504	300	Publication fee for early, voluntary, or normal pub.	
1505	300	1505	300	Publication fee for republication	
1803	130	1803	130	Request for voluntary publication or republication	
1808	130	1808	130	Processing fee under 37 CFR 1.17(f) (except provisionals)	
1454	1,370	1454	1,370	Acceptance of unintentionally delayed claim for priority	

Other fee (specify) Terminal Disclaimer fee under 37 C.F.R. § 1.20(d) **130.00**

Other fee (specify) _____

SUBTOTAL (4) \$ 130.00

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:Typed or Printed Name: Lester J. VincentSignature: Date: August 29, 2005Reg. Number: 31,460Telephone Number: 408-720-8300

Send to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

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AUG 29 2005

Attorney Docket No.: 81862P096

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Gene Chul, et al.

Application No.: 09/090,096

Filed: June 3, 1998

For: METHOD AND APPARATUS FOR
PROVIDING PROGRAMMABLE
MEMORY FUNCTIONS FOR BI-
DIRECTIONAL TRAFFIC IN
SWITCH PLATFORM

Date of Allowance: April 29, 2005

Confirmation No.: 3528

Examiner: Pezzlo, John

Art Unit: 2662

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TERMINAL DISCLAIMER UNDER 37 C.F.R. § 1.321(c)

The undersigned attorney represents that the undersigned attorney is the attorney of record for the above-referenced patent application.

The assignee of the entire right, title, and interest in and to the above-referenced patent application is Cisco Technology, Inc. ("assignee"),
(Name of Assignee)

a California corporation having a place of business at
(State of Incorporation)

170 West Tasman Drive, San Jose, California 95134

(Address)

08/30/2005 ZJUHR1 00000022 022666 09090096

01 FC:1814 130.00 DA

The terminal part of any patent granted on the above-identified application that would extend beyond the expiration of the full statutory term of

X United States Patent No. 6,438,102 B1, entitled
METHOD AND APPARATUS FOR PROVIDING ASYNCHRONOUS
MEMORY FUNCTIONS FOR BI-DIRECTIONAL TRAFFIC IN A SWITCH
PLATFORM, and dated
August 20, 2002, as presently shortened
by any terminal disclaimer,

_____ any patent granted on application number 0 / _____
is hereby disclaimed, except as provided below, and it is agreed that any patent so
granted on the above-identified application shall be enforceable only for and during
such period that the legal title to said patent shall be the same as the legal title to

X United States Patent No. 6,438,102 B1,
_____ any patent granted on application number 0 / _____,
this agreement to run with any patent granted on the above-identified application and to
be binding upon the grantor, its successors, or assigns.

No disclaimer is being made as to any terminal part of any patent granted on the
above-identified application prior to the expiration of the full statutory term of

X United States Patent No. 6,438,102 B1, as presently
shortened by any terminal disclaimer,
_____ any patent granted on application number 0 / _____
in the event that it later expires for failure to pay a maintenance fee, is held
unenforceable, is found invalid, is statutorily disclaimed in whole or terminally
disclaimed under 37 C.F.R. § 1.321(a), has all claims canceled by a reexamination
certificate, is reissued, or is otherwise terminated prior to expiration of its statutory term

as presently shortened by any terminal disclaimer, except for the separation of legal title stated above.

Enclosed is a check for \$130.00 for the fee under 37 C.F.R. § 1.20(d).

Please charge Deposit Account No. 02-2666 for any fee deficiency that may be due. A duplicate of this Terminal Disclaimer is enclosed for Deposit Account charging purposes.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

By: 

Dated: August 29, 2005

Name: Lester J. Vincent
(Type or print)

Reg. No.: 31,460

12400 Wilshire Boulevard
Seventh Floor
Los Angeles, California 90025
(408) 720-8300